

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application:

3  
4 Claim 1 (Original): A method of producing a sheet of coated substrate,  
5 comprising:

6 providing a substrate;  
7 providing a solution or dispersion of a first material that adheres to the  
8 substrate mixed with an amine terminated material;  
9 coating the provided substrate with the solution; and  
10 drying the substrate coated with the solution to form a solid coating  
11 thereon.

12  
13 Claim 2 (Original): A method according to claim 1 wherein the amine  
14 terminated material is a diamine terminated material.

15  
16 Claim 3 (Original): A method according to claim 1 wherein the amine  
17 terminated material is a monoamine terminated material.

18  
19 Claim 4 (Original): A method according to claim 1 wherein the amine  
20 terminated material is a tri-amine terminated material.

21  
22 Claim 5 (Original): A method according to claim 2 wherein the amine  
23 terminated material is diamine poly (propylene oxide).

1           Claim 6 (Original): A method according to claim 3 wherein the amine  
2 terminated material is mono-amine poly (propylene oxide).

3  
4           Claim 7 (Original): A method according to claim 4 wherein the amine  
5 terminated material is tri-amine poly (propylene oxide).

6  
7           Claim 8 (Currently amended): A method according to ~~any of the~~  
8 ~~preceding~~ claim[[s]] 1 wherein the first material comprises polyvinyl alcohol.

9  
10          Claim 9 (Currently amended): A method according to ~~any of~~ claim[[s]]  
11 1[[-7]] wherein the first material comprises a styrene-butadiene copolymer.

12  
13          Claim10 (Currently amended): A method according to ~~any of~~ claim[[s]]  
14 1[[-7]] wherein the first material comprises an acrylic ester copolymer.

15  
16          Claim 11 (Currently amended): A method according to ~~any of the~~  
17 ~~preceding~~ claim[[s]] 1 wherein the substrate comprises PET.

18  
19          Claim 12 (Currently amended): A method according to ~~any of~~ claim[[s]]  
20 1[[-10]] wherein the substrate comprises polypropylene.

21  
22          Claim 13 (Currently amended): A method according to ~~any of the~~  
23 ~~preceding~~ claim[[s]] 1 wherein the solution or dispersion also comprises sodium  
24 hydroxide.

1 Claim 14 (Currently amended): A method according to ~~any of the~~  
2 ~~preceding claim~~[[s]] 1 wherein the dry weight of amine terminated material is  
3 between 5 and 30% of the dry weight of the coating.

4  
5 Claim 15 (Original): A method according to claim 14 wherein the dry  
6 weight of amine terminated material is 10% or more of the dry weight of the  
7 coating.

8  
9 Claim 16 (Original): A method according to claim 14 wherein the weight of  
10 amine terminated material is 20 15% or more of the dry weight of the coating.

11  
12 Claim 17 (Currently amended): A method according to ~~any of claim~~[[s]]  
13 14[[-16]] wherein the dry weight of amine terminated material is 25% or less of  
14 the dry weight of the coating.

15  
16 Claim 18 (Currently amended): A coated substrate produced according to  
17 the method of ~~any of the preceding claim~~[[s]] 1.

18  
19 Claim 19 (Currently amended): A printed sheet comprising: a coated  
20 sheet produced according to the method of ~~any of claim~~[[s]] 1[[-18]]; and an  
21 image printed on the sheet.

22  
23 Claim 20 (Currently amended): A printed sheet according to claim 19  
24 wherein the image is printed using a liquid toner process.

1 Claim 21 (Currently amended): A method of printing comprising:  
2 providing a coated substrate according to claim 18 ~~or produced according~~  
3 ~~to any of claims 1-17;~~  
4 printing an image on the coating using a liquid toner; and  
5 fixing the image to the coated substrate,  
6 wherein the adhesion of the liquid toner image to the substrate is improved  
7 over its adhesion to a similarly coated substrate in which the coating does not  
8 include the amine terminated material.

9  
10 Claim 22 (Original): A printing method according to claim 21 wherein the  
11 substrate and the pigmented particles are both acidic.

12  
13 Claim 23 (Currently amended): A printing method according to claim 21  
14 ~~or claim 22~~ wherein the coating forms a substantially smooth surface.

15  
16 Claim 24 (Currently amended): A printing method according to ~~any of~~  
17 claim[[s]] 21[[-23]] wherein the substrate is a CD or DVD disk.